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(54) Title: SOLVENT EXTRACTION OF LIPIDS SUCH AS ESSENTIAL FATTY ACIDS

(57) Abstract: Lipids (including fatty acids) are extracted from animal solids such as powdered, freeze dried or fresh meat of green lipped mussel (*Perna canaliculus*) by mixing said solids with a solvent such as acetone capable of dissolving lipids therefrom to form a solvent extract, removing solvent from said extract by nanofiltration to produce a concentrated lipid extract and recovered solvent, and removing further solvent from the concentrated extract by rotary evaporation to leave extracted lipids particularly rich in eicosatetraenoic acids (ETA's).

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